

IN THE CLAIMS:

Please amend claims 1, 10, and 19, as follows.

1. An automated data storage system, comprising:

a first media storage library having a first rail system disposed therein along a first axis;

one or a plurality of accessors, wherein said one or a plurality of accessors can be moved bidirectionally along said first rail system, and wherein each accessor comprises a running section, a vertical pillar extending outwardly from said running section, a lifting servo section which can be moved bidirectionally on said vertical pillar along a second axis, two robotic manipulators disposed on said lifting servo section, and a scanner disposed on said lifting servo section, wherein said second axis is perpendicular to said first axis;

a movable rail system comprising a plurality of movable sets of rails, wherein each movable set of rails can be moved bidirectionally along a third axis, wherein said third axis is perpendicular to both said first axis and said second axis.

10. An automated data storage system, comprising:

a first media storage library having a first rail system disposed therein along a first axis;

a second media storage library having a second rail system disposed therein along said first axis;

one or a plurality of accessors, wherein each accessor comprises a running section, a vertical pillar extending outwardly from said running section, a lifting servo section which can be moved on said vertical pillar along a second axis, two robotic manipulators disposed on said lifting servo section, and a scanner disposed on said lifting servo section, wherein said second axis is perpendicular to said first axis;

a garage having a movable rail system disposed therein, wherein said garage is disposed adjacent said first media storage library and adjacent said second media storage library;

wherein said movable rail system comprises a plurality of movable sets of rails, wherein each movable set of rails can be moved bidirectionally along a third axis, wherein said third axis is perpendicular to both said first axis and said second axis.

19. A method of moving one or a plurality of accessors within an automated data storage system, said method comprising the steps of:

providing a first media storage library having a first rail system disposed therein along a first axis;

providing a second media storage library having a second rail system disposed therein along a second axis;

providing one or a plurality of accessors, wherein said one or a plurality of accessors each comprise a running section, a vertical pillar extending outwardly from said running section, a lifting servo section which can be moved along a second axis on said vertical pillar, two robotic manipulators disposed on said lifting servo section, and a scanner disposed on said lifting servo section, wherein said second axis is perpendicular to said first axis;

providing a garage having a movable rail system disposed therein, wherein said garage is disposed adjacent said first media storage library and adjacent said second media storage library, wherein said movable rail system comprises a plurality of movable sets of rails, wherein each movable set of rails can be moved bidirectionally along a third axis, wherein said third axis is perpendicular to both said first axis and said second axis;

movably disposing said one or a plurality of accessors on said first rail system;

positioning one of said sets of rails to be substantially colinear with said first rail system;

moving said one or a plurality of accessors from said first rail system onto said movable set of rails;

positioning said movable set of rails to be substantially colinear with said second rail system;

moving said one or a plurality of accessors from said movable set of rails onto said second rail system.

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